R E M A R K S

The present amendment is in response to the Official Action dated July 31, 2006, where the Examiner rejected pending claims 1-15, 17 and 20-22; and objected to claims 16, 18 and 19. More specifically, the Examiner rejected claims 1-15, 17 and 20-22 under 35 USC 102(e) as being allegedly anticipated by Ben-Chorin et al., US Patent Application Publication No. 2006/0050079, and objected to claims 16, 18 and 19 only to the extent that they depend upon a rejected base claim. However contrary to the Examiner's assertions, Ben-Chorin et al., '079, fails to make known each and every feature of the claims. For example, Ben-Chorin et al., '079, minimally fails to make known "masking gates that mask selected ones of the data lines at predetermined times to adjust the pixel depth of the image data supplied to the display panel" (claim 1); "masking selected data lines that transmit image data to the display panel at certain times" (claim 9); and "masking selected data lines that supply red image data, selected lines that supply green image data, and selected lines that supply blue image data" (claim 17).

Despite the Examiner's assertions to the contrary, there is no teaching or suggestion of masking gates. In attempting to suggest the same is taught by the reference, the Examiner makes reference to element 505 from FIG. 5, but the element is simply identified as a logic unit with no discussion as to the particular sub-elements that make up the logic unit that could be said to make known or obvious masking gates that mask selected ones of the data lines. In fact the exact nature of the structure of the logic unit is largely unknown as no structural details corresponding to a specific circuit or configuration have been disclosed or discussed, other than in the broadest sense, which is not specific enough to teach the act of masking or masking gates of the type claimed by the present application.

Still further Ben-Chorin et al., '079, is similarly silent with respect to an adjustment of pixel depth, which results from the respective selective masking of selected ones of the data lines. Alternatively, Ben-Chorin et al., '079, mentions color conversion/adjustment, as well as conversion of intensity values. However, color conversion/adjustment, which might affect intensity values is not the same as adjusting pixel depth, which will generally affect the color granularity as a greater number or a reduced number of data lines will generally affect the number of possible different definable color states. In any event, an adjustment of pixel depth and/or a masking of data lines associated with color data, are neither taught nor suggested by the cited reference. As a result, contrary to the Examiner's assertions, Ben-Chorin et al., '079, fails

to make known or obvious the independent claims 1, 9 and 17, and indirectly all of the other claims which depend from a respective one of the independent claims. With respect to claims 16, 18 and 19, the applicants note with appreciation the indication that the same contain allowable subject matter.

In view of the present response, the applicants would respectfully request that the Examiner reexamine and reconsider the presently pending claims, where the claims as presently pending are believed to be allowable over the present rejections.

Respectfully submitted,

BY: /Lawrence Chapa/
Lawrence J. Chapa
Reg. No. 39,135
Phone (847) 523-0340
Fax. No. (847) 523-2350

Motorola, Inc.
Mobile Devices
Intellectual Property Department
600 North US Highway 45, RM W4-35
Libertyville, IL 60048